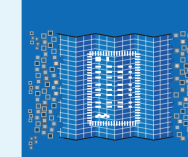# ELECTRONIC PROCUREMENT SYSTEM OVERVIEW

Provide the Navy and Marine Corps contracting community with a full contract writing management capability and facilitate integration with DoD, DON financial, and other federally mandated systems, as well as industry

Utilize Department of Defense (DoD) data exchange standards (PDS/PRDS) and support auditability

Leverage emerging technologies to enable secure and efficient business operations

ePS SOLUTION

WHY:
- SPS Sunset Memorandum 12JAN17: No New SPS Contracts After 30SEP20
- Replace the existing Navy CWS with one End to End (E2E) solution
- Auditability
- Cybersecurity (RMF)
- Interoperability (Data Standards)
- Federal Mandate NDAA of 2013 for all electronic contracts

WHAT:
- Provide robust functional capabilities to support the E2E Procure-to-Pay (P2P) process
- Capture data at the source (i.e., no redundant data entry via touch labor)
- Data-centric vice form-based
- Flexible COTS solution that allows for cost-effective changes
- Provide business intelligence for accurate, timely and visible reporting
- Support 100% of the DON contracting actions in a fully auditable and traceable environment including Grant Writing

WHO:
- Members of the Contracting Workforce
- Resource Sponsors/Navy Leadership
- DON Financial System Owners
- Other External Federal, DoD, and DON System Partners

Process Steps

1 RECEIVE/CREATE PURCHASE REQUEST PACKAGE:
What do we need?
- Requirement Documentation
- Market Research

START HERE

2 INITIATE PROCUREMENT:
How are we going to get it?
- Create Solicitation
- Receive Proposals
- Technical Proposal Evaluation
- Cost / Price Analysis
- Source Selection Documentation

3 AWARD PROCUREMENT INSTRUMENT:
Who are we going to get it from?
- Generate Contract
- Contract Award
- Award Notification
- Maintain Official Electronic Contract File

4 ADMINISTER PROCUREMENT INSTRUMENT:
What happens post award?
- Track Contractor Performance
- Issue Modification
- Enterprise Business Intelligence / Data Management
- Connection to Invoicing and Reporting Systems

5 PERFORM INSTRUMENT CLOSEOUT:
When do we perform closeout?
- Automate Close-Out of Eligible Contracts
- Manage Close-Out Eligibility of More Contracts
- Create Close-Out Documentation
- Archive Documents

Enterprise Service Bus
DoD, DON, and Other Existing Systems

TECHNOLOGY EVOLUTION

- Current Technologies will allow for an improved electronic and data-centric DON procurement capability, with shared cross-functional data and cloud hosting

- ePS will address existing CWS challenges including outdated architectures, limited capabilities, scalability concerns, and multiple legacy systems

- ePS = COTS CWS + COTS ESB + Gap Closure
  - Current COTS CWS can perform over 80% of required capabilities
  - Enterprise Service Bus (ESB) is the middleware layer to exchange data with external systems of record
  - Gap Closure to fulfill any product capability not available in COTS

- Modern hardware and software with more user-friendly interfaces providing:
  - Increased input/output speeds
  - Increased data storage and speeds
  - Faster accessibility
  - Improved usability

- Cloud hosting enables dynamic services, storage resources, centralized security, and servers, providing easily implementable, scalable, and secure solutions to variable applications

GO-LIVE TIMELINE

SOURCE SELECTION
- Gate Criteria
- Product Demo & Evaluation
- Written Proposal Evaluation
- Prepare Contract For Award

TESTING
- Integrated Testing
- Security Control Testing
- User Acceptance Testing
- Operational Testing

CONFIGURATION AND DEVELOPMENT
- System Configuration
- Gap Closure Development
- Interface Development

IMPLEMENTATION
- User Management
- Training
- Data Migration
- Deployment

RFP RELEASE
SOURCE SELECTION

CONTRACT AWARD
CONFIGURATION & DEVELOPMENT
TESTING
IMPLEMENTATION

LIMITED DEPLOYMENT GO LIVE
(3% DON Contracting Workforce)

CONFIGURATION & DEVELOPMENT
TESTING
IMPLEMENTATION

RELEASE 1 GO LIVE
(+42% DON Contracting Workforce)

CONFIGURATION & DEVELOPMENT
TESTING
IMPLEMENTATION

RELEASE 2 GO LIVE
(+55% DON Contracting Workforce)

QUARTERS